

Supplementary File: Combined Full Search Strategies of All Databases**1) Medline Search Strategy**

#	Query
1	Cystic Fibrosis/
2	"cystic fibrosis*".ti,ab,kw,kf.
3	"cystic fibrosis*".io,ja,jn,jw,nj,nw,jc.
4	1 or 2 or 3
5	Enteral Nutrition/ or Gastrostomy/ or Nutritional Requirements/ or Nutritional Status/
6	((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG) adj4 (nutrition* or feed*)).ti,ab,kw,kf.
7	((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG or nutrition* or stomach* or digestiv* or feed*) adj4 (tube or tubes or stoma or stomas or stomy or requir* or status*)).ti,ab,kw,kf.
8	(gastrostoma or gastrostomas or gastrostomy or gastrostomies or gastrojejunostoma or gastrojejunostomas or gastrojejunostomy or gastrojejunostomies or "gastro jejunostoma" or "gastro jejunostomas" or "gastro jejunostomy" or "gastro jejunostomies").ti,ab,kw,kf.
9	(gtube or gtubes or "g-tube" or "g-tubes" or "gj-tube" or "gj-tubes").ti,ab,kw,kf.
10	(gstoma or gstomas or gstomy or gstomies or "g-stoma" or "g-stomas" or "g-stomy" or "g-stomies" or "gj-stoma" or "gj-stomas" or "gj-stomy" or "gj-stomies").ti,ab,kw,kf.
11	5 or 6 or 7 or 8 or 9 or 10
12	4 and 11
13	Deglutition Disorders/ or exp Gastroesophageal Reflux/ or exp Laryngopharyngeal Reflux/
14	((deglutition* or swallow*) adj3 (disorder* or "dis-order*" or problem* or difficult*)).ti,ab,kw,kf.
15	(dysphag* or "gastroesoph* reflux*" or "reflux* gastroesoph*" or "gastro-esoph* reflux*" or "reflux* gastro-esoph*" or "gastro-oesoph* reflux*" or "reflux* gastro-oesoph*" or "laryngopharyng* reflux*" or "reflux* laryngopharyng*" or "laryngo-pharyng* reflux*" or "reflux laryngo-pharyng*").ti,ab,kw,kf.
16	13 or 14 or 15
17	11 or 16

- 18 exp Decision Making/ or exp Informed Consent/ or Conflict, Psychological/ or Family Conflict/ or Personal Autonomy/ or Motivation/
- 19 (decision* or decid* or choice* or choos* or consensus* or consent* or conflict* or disagree* or agree* or participat* or prefer* or involv* or engag* or expect* or autonom* or motivat*).ti,ab,kw,kf.
- 20 Health Knowledge, Attitudes, Practice/ or Health Literacy/
- 21 (knowledg* or attitude* or literacy* or believ* or belief* or percept* or perceiv* or perspectiv*).ti,ab,kw,kf.
- 22 Psychological Distress/ or Stress, Psychological/ or Caregiver Burden/ or Patient Satisfaction/
- 23 (distress* or despair* or stress* or burden* or burnout* or "burn* out*" or satisf* or dissatisf*).ti,ab,kw,kf.
- 24 Risk/ or Risk Assessment/
- 25 (risk* or advantag* or advers* or benefit* or disadvantag* or "dis-advantag*" or drawback* or "draw-back*" or harm*).ti,ab,kw,kf.
- 26 Communication/ or Information Seeking Behavior/
- 27 communicat*.ti,ab,kw,kf.
- 28 (info* adj3 seek*).ti,ab,kw,kf.
- 29 Nurse-Patient Relations/ or Physician-Patient Relations/
- 30 ((nurse* or doctor* or physician*) adj3 patient*).ti,ab,kw.
- 31 ((nurse* or doctor* or physician* or provider* or patient*) adj3 (relation* or communicat*)).ti,ab,kw,kf.
- 32 30 and 31
- 33 exp Guideline/
- 34 (guideline* or "guide-line*").ti,ab,kw,kf.
- 35 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 32 or 33 or 34
- 36 exp Family/ or exp Parents/ or Caregivers/ or Legal Guardians/
- 37 (family* or families* or parent or parents or mother* or father* or grandparent* or grandmother* or grandfather* or guardian*).ti,ab,kw,kf.
- 38 (caregiver* or "care-giver*" or caretaker* or "care-taker*" or carer*).ti,ab,kw,kf.
- 39 36 or 37 or 38
- 40 exp Pediatrics/ or exp Infant/ or exp Child/ or exp Adolescent/

- 41 (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*).ti,ab,kw,kf.
- 42 (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*).io,ja,jn,jw,nj,nw,jc.
- 43 40 or 41 or 42
- 44 17 and 35 and 39 and 43
- 45 12 or 44
- 46 limit 45 to (yr="1985 -Current" and (english or spanish))
-

2) Embase Search Strategy

- #1 'cystic fibrosis'/de
- #2 'cystic fibrosis*':ti,ab,kw
- #3 'cystic fibrosis*':jt
- #4 #1 OR #2 OR #3
- #5 'enteric feeding'/de OR 'gastrostomy'/de OR 'nutritional requirement'/de OR 'nutritional status'/de
- #6 ((enteral* OR enteric* OR gastr* OR nasogastr* OR gastrojejun* OR jejun* OR peg) NEAR/4 (nutrition* OR feed*)):ti,ab,kw
- #7 ((enteral* OR enteric* OR gastr* OR nasogastr* OR gastrojejun* OR jejun* OR peg OR nutrition* OR stomach* OR digestiv* OR feed*) NEAR/4 (tube OR tubes OR stoma OR stomas OR stomy OR requir* OR status*)):ti,ab,kw
- #8 gastrostoma:ti,ab,kw OR gastrostomas:ti,ab,kw OR gastrostomy:ti,ab,kw OR gastrostomies:ti,ab,kw OR gastrojejunostoma:ti,ab,kw OR gastrojejunostomas:ti,ab,kw OR gastrojejunostomy:ti,ab,kw OR gastrojejunostomies:ti,ab,kw OR 'gastro jejunostoma':ti,ab,kw OR 'gastro jejunostomas':ti,ab,kw OR 'gastro jejunostomy':ti,ab,kw OR 'gastro jejunostomies':ti,ab,kw
- #9 gtube:ti,ab,kw OR gtubes:ti,ab,kw OR 'g-tube':ti,ab,kw OR 'g-tubes':ti,ab,kw OR 'gj-tube':ti,ab,kw OR 'gj-tubes':ti,ab,kw

- #10 gstoma:ti,ab,kw OR gstomas:ti,ab,kw OR gstomy:ti,ab,kw OR gstomies:ti,ab,kw OR 'g-stoma':ti,ab,kw OR 'g-stomas':ti,ab,kw OR 'g-stomy':ti,ab,kw OR 'g-stomies':ti,ab,kw OR 'gj-stoma':ti,ab,kw OR 'gj-stomas':ti,ab,kw OR 'gj-stomy':ti,ab,kw OR 'gj-stomies':ti,ab,kw
- #11 #5 OR #6 OR #7 OR #8 OR #9 OR #10
- #12 #4 AND #11
- #13 'dysphagia'/de OR 'gastroesophageal reflux'/exp OR 'laryngopharyngeal reflux'/de
- #14 ((deglutition* OR swallow*) NEAR/3 (disorder* OR 'dis-order*' OR problem* OR difficult*)):ti,ab,kw
- #15 dysphag*:ti,ab,kw OR 'gastroesoph* reflux*:ti,ab,kw OR 'reflux* gastroesoph*:ti,ab,kw OR 'gastro-esoph* reflux*:ti,ab,kw OR 'reflux* gastro-esoph*:ti,ab,kw OR 'gastro-oesoph* reflux*:ti,ab,kw OR 'reflux* gastro-oesoph*:ti,ab,kw OR 'laryngopharyng* reflux*:ti,ab,kw OR 'reflux* laryngopharyng*:ti,ab,kw OR 'laryngo-pharyng* reflux*:ti,ab,kw OR 'reflux laryngo-pharyng*:ti,ab,kw
- #16 #13 OR #14 OR #15
- #17 #11 AND #16
- #18 'decision making'/de OR 'family decision making'/de OR 'patient decision making'/de OR 'shared decision making'/de OR 'ethical decision making'/de OR 'informed consent'/de OR 'conflict'/de OR 'family conflict'/de OR 'patient autonomy'/de OR 'motivation'/exp
- #19 decision*:ti,ab,kw OR decid*:ti,ab,kw OR choice*:ti,ab,kw OR choos*:ti,ab,kw OR consensus*:ti,ab,kw OR consent*:ti,ab,kw OR conflict*:ti,ab,kw OR disagree*:ti,ab,kw OR agree*:ti,ab,kw OR participat*:ti,ab,kw OR prefer*:ti,ab,kw OR involv*:ti,ab,kw OR engag*:ti,ab,kw OR expect*:ti,ab,kw OR autonom*:ti,ab,kw OR motivat*:ti,ab,kw
- #20 'attitude to health'/de OR 'health literacy'/de
- #21 knowledg*:ti,ab,kw OR attitude*:ti,ab,kw OR literacy*:ti,ab,kw OR believ*:ti,ab,kw OR belief*:ti,ab,kw OR percept*:ti,ab,kw OR perceiv*:ti,ab,kw OR perspectiv*:ti,ab,kw
- #22 'distress syndrome'/de OR 'mental stress'/de OR 'caregiver burden'/de OR 'caregiver burnout'/de OR 'emotional stress'/de OR 'ethical dilemma'/de OR 'family stress'/de OR 'home stress'/de OR 'interpersonal stress'/de OR 'life stress'/de OR 'parental stress'/exp OR 'patient satisfaction'/de
- #23 distress*:ti,ab,kw OR despair*:ti,ab,kw OR stress*:ti,ab,kw OR burden*:ti,ab,kw OR burnout*:ti,ab,kw OR 'burn* out*:ti,ab,kw OR satisf*:ti,ab,kw OR dissatisf*:ti,ab,kw
- #24 'risk'/de OR 'patient risk'/de OR 'risk assessment'/de OR 'health risk assessment'/de OR 'risk attitude'/de OR 'risk aversion'/de OR 'risk denial'/de OR 'risk perception'/exp
- #25 risk*:ti,ab,kw OR advantag*:ti,ab,kw OR advers*:ti,ab,kw OR benefit*:ti,ab,kw OR disadvantag*:ti,ab,kw OR 'dis-advantag*:ti,ab,kw OR drawback*:ti,ab,kw OR 'draw-back*:ti,ab,kw OR harm*:ti,ab,kw

- #26 'interpersonal communication'/de OR 'information seeking'/de
- #27 communicat*:ti,ab,kw
- #28 (info* NEAR/3 seek*):ti,ab,kw
- #29 'nurse patient relationship'/de OR 'doctor patient relationship'/de
- #30 ((nurse* OR doctor* OR physician*) NEAR/3 patient*):ti,ab,kw
- #31 ((nurse* OR doctor* OR physician* OR provider* OR patient*) NEAR/3 (relation* OR communicat*)):ti,ab,kw
- #32 #30 AND #31
- #33 'guideline'/de
- #34 guideline*:ti,ab,kw OR 'guide-line*':ti,ab,kw
- #35 #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #32 OR #33 OR #34
- #36 'family'/exp OR 'parent'/exp OR 'caregiver'/de OR 'legal guardian'/de
- #37 family*:ti,ab,kw OR families*:ti,ab,kw OR parent:ti,ab,kw OR parents:ti,ab,kw OR mother*:ti,ab,kw OR father*:ti,ab,kw OR grandparent*:ti,ab,kw OR grandmother*:ti,ab,kw OR grandfather*:ti,ab,kw OR guardian*:ti,ab,kw
- #38 caregiver*:ti,ab,kw OR 'care-giver*':ti,ab,kw OR caretaker*:ti,ab,kw OR 'care-taker*':ti,ab,kw OR carer*:ti,ab,kw
- #39 #36 OR #37 OR #38
- #40 'pediatrics'/exp OR 'infant'/exp OR 'child'/exp OR 'adolescent'/exp
- #41 pediatri*:ti,ab,kw OR paediatr*:ti,ab,kw OR infan*:ti,ab,kw OR baby*:ti,ab,kw OR babies*:ti,ab,kw OR neonat*:ti,ab,kw OR 'neo-nat*':ti,ab,kw OR newborn*:ti,ab,kw OR 'new-born*':ti,ab,kw OR 'newly born*':ti,ab,kw OR toddler*:ti,ab,kw OR preschool*:ti,ab,kw OR 'pre-school*':ti,ab,kw OR child*:ti,ab,kw OR schoolchild*:ti,ab,kw OR 'school-age*':ti,ab,kw OR girl*:ti,ab,kw OR boy:ti,ab,kw OR boys:ti,ab,kw OR tween*:ti,ab,kw OR teen*:ti,ab,kw OR adolescen*:ti,ab,kw OR kid:ti,ab,kw OR kids:ti,ab,kw OR juvenile*:ti,ab,kw OR youth*:ti,ab,kw
- #42 pediatri*:jt OR paediatr*:jt OR infan*:jt OR baby*:jt OR babies*:jt OR neonat*:jt OR 'neo-nat*':jt OR newborn*:jt OR 'new-born*':jt OR 'newly born*':jt OR toddler*:jt OR preschool*:jt OR 'pre-school*':jt OR child*:jt OR schoolchild*:jt OR 'school-age*':jt OR girl*:jt OR boy:jt OR boys:jt OR tween*:jt OR teen*:jt OR adolescen*:jt OR kid:jt OR kids:jt OR juvenile*:jt OR youth*:jt
- #43 #40 OR #41 OR #42
- #44 #17 AND #35 AND #39 AND #43
- #45 #12 OR #44

#46 (#12 OR #44) AND ([english]/lim OR [spanish]/lim) AND [1985-2022]/py

3) CINAHL

- 1 (MH "Cystic Fibrosis")
- 2 TI "cystic fibrosis*" OR AB "cystic fibrosis*"
- 3 SO "cystic fibrosis*" OR JN "cystic fibrosis*" OR JT "cystic fibrosis*"
- 4 S1 OR S2 OR S3
- 5 (MH "Enteral Nutrition") OR (MH "Gastrostomy") OR (MH "Nutritional Requirements") OR (MH "Nutritional Status")
- 6 TI ((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG) N4 (nutrition* or feed*)) OR AB (((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG) N4 (nutrition* or feed*))
- 7 TI ((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG or nutrition* or stomach* or digestiv* or feed*) N4 (tube or tubes or stoma or stomas or stomy or requir* or status*)) OR AB (((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG or nutrition* or stomach* or digestiv* or feed*) N4 (tube or tubes or stoma or stomas or stomy or requir* or status*))
- 8 TI (gastrostoma or gastrostomas or gastrostomy or gastrostomies or gastrojejunostoma or gastrojejunostomas or gastrojejunostomy or gastrojejunostomies or "gastro jejunostoma" or "gastro jejunostomas" or "gastro jejunostomy" or "gastro jejunostomies") OR AB (gastrostoma or gastrostomas or gastrostomy or gastrostomies or gastrojejunostoma or gastrojejunostomas or gastrojejunostomy or gastrojejunostomies or "gastro jejunostoma" or "gastro jejunostomas" or "gastro jejunostomy" or "gastro jejunostomies")
- 9 TI (gtube or gtubes or "g-tube" or "g-tubes" or "gj-tube" or "gj-tubes") OR AB (gtube or gtubes or "g-tube" or "g-tubes" or "gj-tube" or "gj-tubes")
- 10 TI ((gstoma or gstomas or gstomy or gstomies or "g-stoma" or "g-stomas" or "g-stomy" or "g-stomies" or "gj-stoma" or "gj-stomas" or "gj-stomy" or "gj-stomies")) OR AB ((gstoma or gstomas or gstomy or gstomies or "g-stoma" or "g-stomas" or "g-stomy" or "g-stomies" or "gj-stoma" or "gj-stomas" or "gj-stomy" or "gj-stomies"))
- 11 S5 OR S6 OR S7 OR S8 OR S9 OR S10
- 12 S4 AND S11
- 13 MH "Deglutition Disorders") OR (MH "Gastroesophageal Reflux")
- 14 TI (((degutition* or swallow*) N3 (disorder* or "dis-order*" or problem* or difficult*))) OR AB (((degutition* or swallow*) N3 (disorder* or "dis-order*" or problem* or difficult*)))

- 15 TI ((dysphag* or "gastroesoph* reflux*" or "reflux* gastroesoph*" or "gastro-esoph* reflux*" or "reflux* gastro-esoph*" or "gastro-oesoph* reflux*" or "reflux* gastro-oesoph*" or "laryngopharyng* reflux*" or "reflux* laryngopharyng*" or "laryngo-pharyng* reflux*" or "reflux laryngo-pharyng*")) OR AB ((dysphag* or "gastroesoph* reflux*" or "reflux* gastroesoph*" or "gastro-esoph* reflux*" or "reflux* gastro-esoph*" or "gastro-oesoph* reflux*" or "reflux* gastro-oesoph*" or "laryngopharyng* reflux*" or "reflux* laryngopharyng*" or "laryngo-pharyng* reflux*" or "reflux laryngo-pharyng*"))
- 16 S13 OR S14 OR S15
- 17 S11 OR S16
- 18 (MH "Decision Making+") OR (MH "Consent+") OR (MH "Conflict (Psychology)") OR (MH "Family Conflict") OR (MH "Patient Autonomy") OR (MH "Motivation")
- 19 TI ((decision* or decid* or choice* or choos* or consensus* or consent* or conflict* or disagree* or agree* or participat* or prefer* or involv* or engag* or expect* or autonom* or motivate*)) OR AB ((decision* or decid* or choice* or choos* or consensus* or consent* or conflict* or disagree* or agree* or participat* or prefer* or involv* or engag* or expect* or autonom* or motivate*))
- 20 (MH "Health Literacy")
- 21 TI (knowledg* or attitude* or literacy* or believ* or belief* or percept* or perceiv* or perspectiv*) OR AB (knowledg* or attitude* or literacy* or believ* or belief* or percept* or perceiv* or perspectiv*)
- 22 (MH "Psychological Distress") OR (MH "Stress, Psychological") OR (MH "Caregiver Burden") OR (MH "Patient Satisfaction")
- 23 TI (distress* or despair* or stress* or burden* or burnout* or "burn* out*" or satisf* or dissatisf*) OR AB (distress* or despair* or stress* or burden* or burnout* or "burn* out*" or satisf* or dissatisf*)
- 24 (MH "Relative Risk") OR (MH "Risk Assessment")
- 25 TI (risk* or advantag* or advers* or benefit* or disadvantag* or "dis-advantag*" or drawback* or "draw-back*" or harm*) OR AB (risk* or advantag* or advers* or benefit* or disadvantag* or "dis-advantag*" or drawback* or "draw-back*" or harm*)
- 26 (MH "Communication") OR (MH "Information Seeking Behavior")
- 27 TI communicat* OR AB communicat*
- 28 TI (info* N3 seek*) OR AB (info* N3 seek*)
- 29 (MH "Nurse-Patient Relations") OR (MH "Physician-Patient Relations")
- 30 TI ((nurse* or doctor* or physician*) N3 patient*) OR AB ((nurse* or doctor* or physician*) N3 patient*)

- 31 TI ((nurse* or doctor* or physician* or provider* or patient*) N3 (relation* or communicat*))
OR AB ((nurse* or doctor* or physician* or provider* or patient*) N3 (relation* or
communicat*)))
- 32 S30 AND S31
- 33 (MH "Practice Guidelines")
- 34 TI (guideline* or "guide-line*") OR AB (guideline* or "guide-line*")
- 35 S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S32
OR S33 OR S34
- 36 (MH "Family+") OR (MH "Parents+") OR (MH "Caregivers") OR (MH "Guardianship, Legal")
- 37 TI (family* or families* or parent or parents or mother* or father* or grandparent* or
grandmother* or grandfather* or guardian*) OR AB (family* or families* or parent or parents
or mother* or father* or grandparent* or grandmother* or grandfather* or guardian*)
- 38 TI (caregiver* or "care-giver*" or caretaker* or "care-taker*" or carer*) OR AB (caregiver* or
"care-giver*" or caretaker* or "care-taker*" or carer*)
- 39 S36 OR S37 OR S38
- 40 (MH "Pediatrics+") OR (MH "Infant+") OR (MH "Child+") OR (MH "Adolescence+")
- 41 TI (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn*
or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-
age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or
youth*) OR AB (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*"
or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or
schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or
kids or juvenile* or youth*)
- 42 SO (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn*
or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-
age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or
youth*) OR JN (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*"
or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or
schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or
kids or juvenile* or youth*) OR JT (pediatri* or paediatr* or infan* or baby* or babies* or
neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*"
or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or
adolescen* or kid or kids or juvenile* or youth*)
- 43 S40 OR S41 OR S42
- 44 S17 AND S35 AND S39 AND S43
- 45 S12 OR S44 Limiters - Published Date: 19850101-20231231; English Language

- 46 s12 or s44
- 47 s12 or s44 Limiters - Published Date: 19850101-20231231; Language: Spanish
- 48 S45 OR S47

Limiters - Published Date: 19850101-20231231; Language: Spanish "

- 48 S45 OR S47

4) APA PsycInfo

- # Query
- 1 Cystic Fibrosis/
- 2 cystic fibrosis.mh.
- 3 "cystic fibrosis*".tw.
- 4 cystic fibrosis*.jn,jx,nl,ol.
- 5 1 or 2 or 3 or 4
- 6 (enteral nutrition or gastrostomy or nutritional requirements or nutritional status).mh.
- 7 ((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG) adj4 (nutrition* or feed*)).tw.
- 8 ((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG or nutrition* or stomach* or digestiv* or feed*) adj4 (tube or tubes or stoma or stomas or stomy or requir* or status*)).tw.
- 9 (gastrostoma or gastrostomas or gastrostomy or gastrostomies or gastrojejunostoma or gastrojejunostomas or gastrojejunostomy or gastrojejunostomies or "gastro jejunostoma" or "gastro jejunostomas" or "gastro jejunostomy" or "gastro jejunostomies").tw.
- 10 (gtube or gtubes or "g-tube" or "g-tubes" or "gj-tube" or "gj-tubes").tw.
- 11 (gstoma or gstomas or gstomy or gstomies or "g-stoma" or "g-stomas" or "g-stomy" or "g-stomies" or "gj-stoma" or "gj-stomas" or "gj-stomy" or "gj-stomies").tw.
- 12 6 or 7 or 8 or 9 or 10 or 11
- 13 5 and 12
- 14 exp Dysphagia/
- 15 (deglutition disorders or gastroesophageal reflux or laryngopharyngeal reflux).mh.

- 16 ((deglutition* or swallow*) adj3 (disorder* or "dis-order*" or problem* or difficult*)).tw.
- 17 (dysphag* or "gastroesoph* reflux*" or "reflux* gastroesoph*" or "gastro-esoph* reflux*" or "reflux* gastro-esoph*" or "gastro-oesoph* reflux*" or "reflux* gastro-oesoph*" or "laryngopharyng* reflux*" or "reflux* laryngopharyng*" or "laryngo-pharyng* reflux*" or "reflux laryngo-pharyng*").tw.
- 18 14 or 15 or 16 or 17
- 19 12 or 18
- 20 exp Decision Making/ or exp Informed Consent/ or Family Conflict/ or exp Autonomy/ or exp Conflict/ or Motivation/
- 21 (decision making or informed consent or conflict, psychological or family conflict or personal autonomy or motivation).mh.
- 22 (decision* or decid* or choice* or choos* or consensus* or consent* or conflict* or disagree* or agree* or participat* or prefer* or involv* or engag* or expect* or autonom* or motivat*).tw.
- 23 Health Knowledge/ or Health Literacy/
- 24 (health knowledge, attitudes, practice or health literacy).mh.
- 25 (knowledg* or attitude* or literacy* or believ* or belief* or percept* or perceiv* or perspectiv*).tw.
- 26 Psychological Stress/ or Distress/ or Caregiver Burden/ or Client Satisfaction/
- 27 (psychological distress or stress, psychological or caregiver burden or patient satisfaction).mh.
- 28 (distress* or despair* or stress* or burden* or burnout* or "burn* out*" or satisf* or dissatisf*).tw.
- 29 Risk Factors/ or Risk Assessment/
- 30 (risk or risk assessment).mh.
- 31 (risk* or advantag* or advers* or benefit* or disadvantag* or "dis-advantag*" or drawback* or "draw-back*" or harm*).tw.
- 32 Communication/ or Information Seeking/
- 33 (communication or information seeking behavior).mh.
- 34 communicat*.tw.
- 35 (info* adj3 seek*).tw.
- 36 (nurse-patient relations or physician-patient relations).mh.
- 37 ((nurse* or doctor* or physician*) adj3 patient*).tw.
- 38 ((nurse* or doctor* or physician* or provider* or patient*) adj3 (relation* or communicat*)).tw.

- 39 37 and 38
- 40 exp Treatment Guidelines/ or guideline.mh.
- 41 (guideline* or "guide-line*").tw.
- 42 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 39 or 40 or 41
- 43 exp Family/ or exp Parents/ or Caregivers/ or Guardianship/
- 44 (family or parents or caregivers or legal guardians).mh.
- 45 (family* or families* or parent or parents or mother* or father* or grandparent* or grandmother* or grandfather* or guardian*).tw.
- 46 (caregiver* or "care-giver*" or caretaker* or "care-taker*" or carer*).tw.
- 47 43 or 44 or 45 or 46
- 48 exp Pediatrics/ or (pediatrics or infant or child or adolescent).mh.
- 49 (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*).tw.
- 50 (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*).jn,nl,ol,jx.
- 51 or/48-50
- 52 19 and 42 and 47
- 53 51 and 52
- 54 limit 52 to (childhood or adolescence <13 to 17 years>)
- 55 53 or 54
- 56 13 or 55
- 57 limit 56 to (yr="1985 -Current" and (english or spanish))

5) Cochrane Database of Systematic Reviews

- | | |
|----|--|
| ID | Search |
| #1 | MeSH descriptor: [Cystic Fibrosis] explode all trees |

- #2 (cystic NEXT/3 fibrosis*):ti,ab,kw
- #3 (cystic NEXT/3 fibrosis*):so
- #4 #1 or #2 or #3
- #5 MeSH descriptor: [Enteral Nutrition] this term only
- #6 MeSH descriptor: [Gastrostomy] this term only
- #7 MeSH descriptor: [Nutritional Requirements] this term only
- #8 MeSH descriptor: [Nutritional Status] this term only
- #9 ((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG) NEXT/4 (nutrition* or feed*)):ti,ab,kw
- #10 ((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG or nutrition* or stomach* or digestiv* or feed*) NEXT/4 (tube or tubes or stoma or stomas or stomy or requir* or status*)):ti,ab,kw
- #11 (gastrostoma or gastrostomas or gastrostomy or gastrostomies or gastrojejunostoma or gastrojejunostomas or gastrojejunostomy or gastrojejunostomies or (gastro NEXT jejunostoma) or (gastro NEXT jejunostomas) or (gastro NEXT jejunostomy) or (gastro NEXT jejunostomies)):ti,ab,kw
- #12 (gtube or gtubes or g NEXT tube or g NEXT tubes or gj NEXT tube or gj NEXT tubes)
- #13 (gstoma or gstomas or gstomy or gstomies):ti,ab,kw
- #14 (stoma or stomas or stomy or stomies) NEAR/3 (g or gi)
- #15 #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14
- #16 #4 and #15
- #17 MeSH descriptor: [Deglutition Disorders] this term only
- #18 MeSH descriptor: [Gastroesophageal Reflux] explode all trees
- #19 MeSH descriptor: [Laryngopharyngeal Reflux] explode all trees
- #20 ((degutition* or swallow*) NEAR/3 (disorder* or dis-order* or problem* or difficult*)):ti,ab,kw
- #21 (dysphag* or (gastroesoph* NEXT reflux*) or (reflux* NEXT gastroesoph*) or (gastro NEXT esoph* NEXT reflux*) or (reflux* NEXT gastro NEXT esoph*) or (gastro NEXT oesoph* NEXT reflux*) or (reflux* NEXT gastro NEXT oesoph*) or (laryngopharyng* NEXT reflux*) or (reflux* NEXT laryngopharyng*) or (laryngo NEXT pharyng* NEXT reflux*) or (reflux NEXT laryngo NEXT pharyng*)):ti,ab,kw
- #22 #17 or #18 or #19 or #20 or #21
- #23 #15 or #22

- #24 MeSH descriptor: [Decision Making] explode all trees
- #25 MeSH descriptor: [Informed Consent] explode all trees
- #26 MeSH descriptor: [Conflict, Psychological] this term only
- #27 MeSH descriptor: [Family Conflict] this term only
- #28 MeSH descriptor: [Motivation] this term only
- #29 MeSH descriptor: [Personal Autonomy] this term only
- #30 (decision* or decid* or choice* or choos* or consensus* or consent* or conflict* or disagree* or agree* or participat* or prefer* or involv* or engag* or expect* or autonom* or motivat*):ti,ab,kw
- #31 MeSH descriptor: [Health Knowledge, Attitudes, Practice] this term only
- #32 MeSH descriptor: [Health Literacy] this term only
- #33 (knowledg* or attitude* or literacy* or believ* or belief* or percept* or perceiv* or perspectiv*):ti,ab,kw
- #34 MeSH descriptor: [Psychological Distress] this term only
- #35 MeSH descriptor: [Stress, Psychological] this term only
- #36 MeSH descriptor: [Caregiver Burden] this term only
- #37 MeSH descriptor: [Patient Satisfaction] this term only
- #38 (distress* or despair* or stress* or burden* or burnout* or (burn* NEXT/3 out*) or satisf* or dissatisf*):ti,ab,kw
- #39 MeSH descriptor: [Risk] this term only
- #40 MeSH descriptor: [Risk Assessment] this term only
- #41 (risk* or advantag* or advers* or benefit* or disadvantage* or (dis-advantag*) or drawback* or (draw-back*) or harm*):ti,ab,kw
- #42 MeSH descriptor: [Communication] this term only
- #43 MeSH descriptor: [Information Seeking Behavior] this term only
- #44 (communicat*):ti,ab,kw
- #45 ((info* NEXT/3 seek*)):ti,ab,kw
- #46 MeSH descriptor: [Nurse-Patient Relations] this term only
- #47 MeSH descriptor: [Physician-Patient Relations] this term only
- #48 ((nurse* or doctor* or physician*) NEAR/3 patient*):ti,ab,kw

- #49 ((nurse* or doctor* or physician* or provider* or patient*) NEXT/3 (relation* or communicat*)):ti,ab,kw
- #50 #48 and #49
- #51 MeSH descriptor: [Guideline] explode all trees
- #52 (guideline* or guide NEXT line*):ti,ab,kw
- #53 #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #50 or #51 or #52
- #54 MeSH descriptor: [Family] explode all trees
- #55 MeSH descriptor: [Parents] explode all trees
- #56 MeSH descriptor: [Caregivers] this term only
- #57 MeSH descriptor: [Legal Guardians] this term only
- #58 (family* or families* or parent or parents or mother* or father* or grandparent* or grandmother* or grandfather* or guardian*):ti,ab,kw
- #59 (caregiver* or care NEXT giver* or caretaker* or care NEXT taker* or carer*):ti,ab,kw
- #60 #54 or #55 or #56 or #57 or #58 or #59
- #61 MeSH descriptor: [Pediatrics] explode all trees
- #62 MeSH descriptor: [Infant] explode all trees
- #63 MeSH descriptor: [Child] explode all trees
- #64 MeSH descriptor: [Adolescent] explode all trees
- #65 (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or neo NEXT nat* or newborn* or new NEXT born* or toddler* or preschool* or pre NEXT school* or child* or schoolchild* or school NEXT age* or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*):ti,ab,kw
- #66 (pediatri* or paediatr* or infan* or baby* or babies* or neonat* or neo NEXT nat* or newborn* or new NEXT born* or toddler* or preschool* or pre NEXT school* or child* or schoolchild* or school NEXT age* or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*):so
- #67 #61 or #62 or #63 or #64 or #65 or #66
- #68 #23 and #53 and #60 and #67
- #69 #16 or #68 with Cochrane Library publication date Between Jan 1985 and Dec 2023, in Cochrane Reviews, Cochrane Protocols, Trials, Clinical Answers, Editorials, Special Collect
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6) Web of Science Search Strategy

- 1 TS=("cystic fibrosis*")
- 2 SO=("cystic fibrosis*")
- 3 #1 OR #2
- 4 TS=((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG) NEAR/4 (nutrition* or feed*))
- 5 TS=((enteral* or enteric* or gastr* or nasogastr* or gastrojejun* or jejun* or PEG or nutrition* or stomach* or digestiv* or feed*) NEAR/4 (tube or tubes or stoma or stomas or stomy or requir* or status*))
- 6 TS=(gastrostoma or gastrostomas or gastrostomy or gastrostomies or gastrojejunostoma or gastrojejunostomas or gastrojejunostomy or gastrojejunostomies or "gastro jejunostoma" or "gastro jejunostomas" or "gastro jejunostomy" or "gastro jejunostomies")
- 7 TS=(gtube or gtubes or "g-tube" or "g-tubes" or "gj-tube" or "gj-tubes")
- 8 TS=(gstoma or gstomas or gstomy or gstmies or "g-stoma" or "g-stomas" or "g-stomy" or "g-stomies" or "gj-stoma" or "gj-stomas" or "gj-stomy" or "gj-stomies")
- 9 #4 OR #5 OR #6 OR #7 OR #8
- 10 #3 and #9
- 11 TS=((degultition* or swallow*) NEAR/3 (disorder* or "dis-order*" or problem* or difficult*))
- 12 TS=(dysphag* or "gastroesoph* reflux*" or "reflux* gastroesoph*" or "gastro-esoph* reflux*" or "reflux* gastro-esoph*" or "gastro-oesoph* reflux*" or "reflux* gastro-oesoph*" or "laryngopharyng* reflux*" or "reflux* laryngopharyng*" or "laryngo-pharyng* reflux*" or "reflux laryngo-pharyng*")
- 13 #11 OR #12
- 14 #9 OR #13
- 15 TS=(decision* or decid* or choice* or choos* or consensus* or consent* or conflict* or disagree* or agree* or participat* or prefer* or involv* or engag* or expect* or autonom* or motivat*)
- 16 TS=(knowledg* or attitude* or literacy* or believ* or belief* or percept* or perceiv* or perspectiv*)
- 17 TS=(distress* or despair* or stress* or burden* or burnout* or "burn* out*" or satisf* or dissatisf*)
- 18 TS=(risk* or advantag* or advers* or benefit* or disadvantag* or "dis-advantag*" or drawback* or "draw-back*" or harm*)

- 19 TS=comunicat*
- 20 TS=(info* NEAR/3 sick*)
- 21 TS=((nurse* or doctor* or physician*) NEAR/3 patient*)
- 22 TS=((nurse* or doctor* or physician* or provider* or patient*) NEAR/3 (relation* or communicat*))
- 23 #21 AND #22
- 24 TS=(guideline* or "guide-line*")
- 25 #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #23 OR #24
- 26 TS=(family* or families* or parent or parents or mother* or father* or grandparent* or grandmother* or grandfather* or guardian*)
- 27 TS=(caregiver* or "care-giver*" or caretaker* or "care-taker*" or carer*)
- 28 #26 OR #27
- 29 TS=(pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*)
- 30 SO=(pediatri* or paediatr* or infan* or baby* or babies* or neonat* or "neo-nat*" or newborn* or "new-born*" or toddler* or preschool* or "pre-school*" or child* or schoolchild* or "school-age*" or girl* or boy or boys or tween* or teen* or adolescen* or kid or kids or juvenile* or youth*)
- 31 #29 OR #30
- 32 #14 AND #25 AND #28 AND #31
- 33 #10 OR #32
- 34 PY=1985-2023
- 35 #33 and #34
- 36 (#33 AND #34) and English or Spanish (Languages)